



ARCADIS U.S., Inc.
10 S Riverside Plaza
Suite 1900
Chicago
Illinois 60606
Tel 312 575 3700
Fax 312 775 9322

MEMO

To:
Garry Griffith, Georgia-Pacific

Copies:
Mike Erickson, ARCADIS
EJ Suardini, ARCADIS

From:
Eric Hritsuk, ARCADIS

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Subject:
Summary of Maintenance Tasks Completed at the Former Plainwell Impoundment

This memorandum has been prepared to summarize maintenance activities performed at the Former Plainwell Impoundment during the 3-year post-construction operations, maintenance and monitoring (OM&M) period. Removal Action construction activities occurred between April 2007 and June 2009, and the United States Environmental Agency (USEPA) issued a Notice of Completion of Work on March 30, 2010.. Although not part of the USEPA-defined three-year OM&M period, monitoring and maintenance activities were performed prior to March 30, 2010 as conditions warranted. Those activities are also summarized in the table below.

Summary of Maintenance Work Completed at the Former Plainwell Impoundment TCRA Site (2008 – 2013)		
<u>Removal Area</u>	<u>Year</u>	<u>Description</u>
RA-4A	2012	Angular rip rap installed to the prism-out 2-year river flow elevation. Soil was filled behind rip rap in a portion of the area to allow the armored bank to be at a 3:1 slope.
RA-6B & 7	2008	Installed river run rock and coir log to the prism-out median river elevation in western 100 feet of RA-6B and eastern 400 feet of RA-7.

Summary of Maintenance Work Completed at the Former Plainwell Impoundment TCRA Site (2008 – 2013)		
<u>Removal Area</u>	<u>Year</u>	<u>Description</u>
RA-6B	2012	Installed angular rip rap at toe of bank and river run rock to the prism-out 2-year river elevation in remaining section not repaired in 2008. Installed live willow stakes above the prism-out 2-year river elevation.
RA-7, 8 & 9B	2009	Installed river run rock and coir log to approximately prism-out median flow elevation in most sections, and to the prism-out 2-yr river elevation in the western 125 feet of RA-8 and the eastern 150 feet of RA-9B.
RA-9B	2010	Re-graded/revegetated bank around 35 feet long washout area and installed river run rock to the top of bank.
RA-11A	2009	Removed grey material from edge of water and regraded/reseeded bank in vicinity of the pipeline crossing.
RA-11A, 12A & 13A	2011	Taller trees were replanted in the vicinity of the great ragweed.
South bank of Western Channel	2012 & 2013	Installed angular rip rap and river rock on areas of exposed geotextile fabric.
Miscellaneous Areas	2009 & 2010	Herbicide treatment for reed canary grass.
	2011	Herbicide treatment for Phragmites and Purple loosestrife.
	2012	Installed angular rip rap over areas of exposed geotextile

Notes

RA = Removal Area